

## ACADEMY

Newsletter

DEDICATED  
TO SCIENTIFIC  
RESEARCH AND  
EDUCATION,  
INSPIRING  
RESPECT FOR  
THE NATURAL  
WORLD

## BACK STAGE AT THE ACADEMY

Members Open House • Wednesday, October 12 • 6 to 9 p.m.

Members open house is a wonderful annual event where the Academy opens its doors to you, our members, to meet the staff and to experience what goes on "back stage at the Academy." It's our way of saying, "Thanks for your involvement and generous support of the Academy throughout the year!"

Our new executive director, Dr. Evelyn Handler, will be on hand to greet you.

You'll be able to view world-famous collections in the Academy's eight research departments — large rooms full of cases and drawers with fascinating specimens.



Susan Middleton

Meet the scientists and staff who study such interesting subjects as sharks, butterflies, gems, dinosaurs, diatoms, rain forests, bird calls, and human cultures.

There will be three behind-the-scenes, self-guided tours (downstairs, upstairs and the main level) in addition to highlights in other corners of the Academy on the public floor. Be sure to pick up a map of where these tours begin and then follow the yellow arrow "road" to guide you along the way. Docents, volunteers and staff will be stationed along each route to answer your questions and to offer assistance.

This year you will be able to see the research collections of invertebrate zoology and geology. Renovation and seismic construction in this area has been completed and

you'll be the first to get a close-up view of the collections in their safe new home.

In the aquarium get a fish-eye view of the many tanks, and see the complex water system that provides oxygen to all the animals. The planetarium will have a special program on how sky and laser shows are created.

In addition to the aquarium and research departments you'll see our cabinet shop, photography studio, instrument shop,

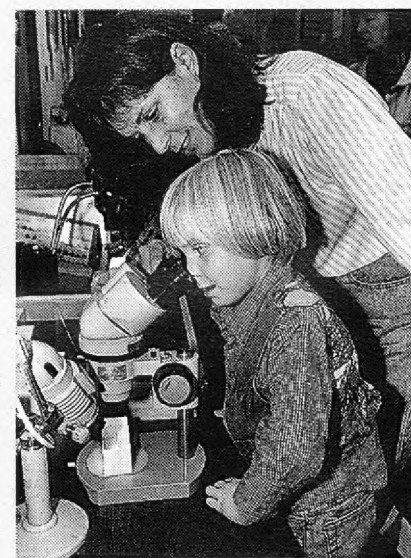
exhibits department, junior academy and education department, *Pacific Discovery Magazine* and scientific publications.

Special programs will take place in Cowell Hall, including two puppet shows at 6:30 and 7:30 p.m., with a wonderful story, games and a treasure hunt presented by Science in Action interns. Check out the Internet, World Wide Web Server and the Academy's Gopher in the Biodiversity Resource Center. Telescopes will be set up in the courtyard at 7 p.m., weather permitting.

The whole main floor of the museum also will be accessible for you to enjoy. Be sure to stop by the Academy Store to take advantage of your 10 percent members discount. A light meal, for a nominal fee, will be served in the Jungle Cafe from 6 to 8 p.m. (Take this opportunity to meet our new food concessionaires, Gardner Merchant.)

Open House is an exclusive benefit for members only. This is a perfect time to invite your friends to become

members and attend this event with you. Please consider a gift membership, which offers year-round benefits and helps support education and research at the Academy (see order form on the back page to purchase a gift membership).



Charlotte Fiorito



Charlotte Fiorito

## DON'T MISS!

Native American and oceanic collection  
*Anthropology*

Exotic seed pods and plants  
*Botany*

Bird-eating spider  
*Entomology*

The world's smallest snake  
*Herpetology*

2 million fishes in 200,000 bottles  
*Ichthyology*

Diatoms, invertebrates, fossils & minerals  
*Invertebrate Zoology & Geology*

Historic photos & memorabilia  
*Library*

Species of beaked whale  
*Ornithology & Mammalogy*



## A Photo Safari To Southern France

Susan Middleton, Academy photography chair and co-photographer for the book and exhibit, "Witness: Endangered Species of North America," will



Cave painting from Pech-Merle.

lead this tour into the heart of Southern France with its incredible landscapes and magical light that inspired

some of the most famous paintings of the western world.

This exclusive photo safari is open to everyone but paced to allow ample time for photographers of all levels. Susan will be accompanied by Mark Alsterlind, a historian, contemporary painter and American who has lived in Arles and the Dordogne for the past 15 years.

April 9-23, 1995

Cost to be announced

## Malaysia: Island Of Borneo & Malay Peninsula

Your tour of Malaysia, led by Terry Gosliner, will include exotic Kuala Lumpur and the states of Sabah and Sarawak to view Mt. Kinabalu State Park with its amazing rain forest canopy. Then to Turtle Islands State Park, a unique rehabilitation center for orangutans, the Menanggal Tributary with the elusive proboscis monkey, and Bako National Park.

A highlight of the tour will be a night with members of the Iban tribe in their traditional longhouse (reached by dugout canoes). The wildlife diversity includes silvered langurs, long-tailed macaques, wild boar, bulbuls, hornbills, spiderhunters, sun-birds, kingfishers, flycatchers, kites, and flower pickers.

April 28-May 14, 1995

(Optional extensions to Taman Negara & Singapore)

Cost to be announced



Deidre Kernan

## TRADITIONAL ARTS

### Appalachian Clogging

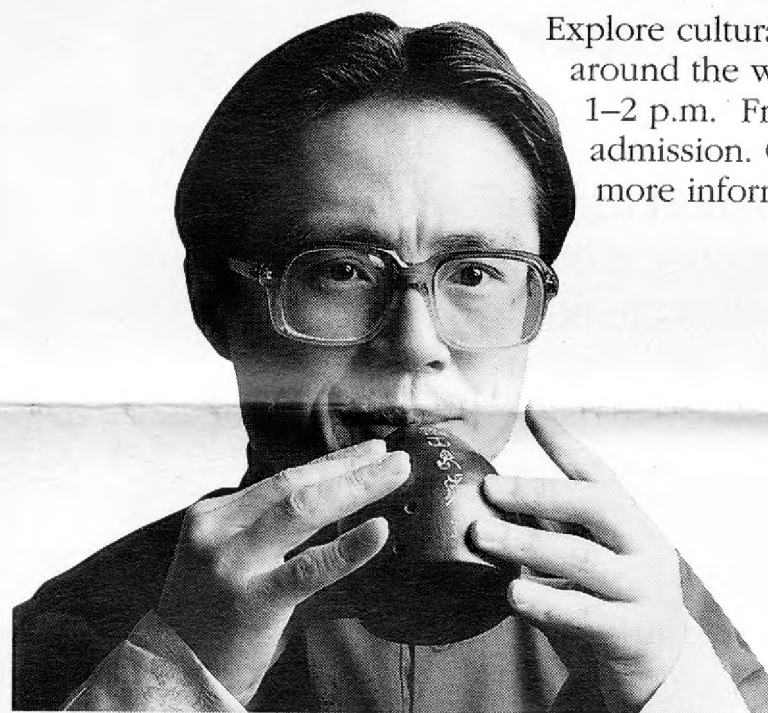
To the beat of old-time fiddle music, the Corn-mashers entertain us with energetic mountain dancing that incorporates elements of Irish step dance, English clogging, African-American and Native American movements. The group demonstrates the difference between flatfoot, buck, and chug-style clogging. Auditorium — October 1

### Maritime Songs

William Pint and Felicia Dale present their repertoire of sea shanties and other songs with a nautical theme from the Pacific Northwest. Talented vocalists, they also perform on a variety of musical instruments, including the penny whistle, guitar, hurdy gurdy (*vielle-a-roue*), mandola, and bodhran. Auditorium — October 22

### Chinese Music

Recent immigrant Wang Hong, a specialist in ancient Chinese folk instruments, plays the *erhu* (two-stringed spiked fiddle), *dizhi* (bamboo flute), *xiao* (vertical flute), *sheng* (mouth organ), *bawu* (copper membrane flute), and *xun* (clay flute). Hong is accompanied by Yang Qin Zhao on the *yangqin*, a type of hammered dulcimer played with bamboo sticks. Auditorium — October 29



Explore cultural traditions from around the world, Saturdays 1-2 p.m. Free after general admission. Call 750-7164, for more information.



## TEN YEAR ANNIVERSARY!

Get Ready, Get Set ...  
for Run to the Far Side X  
Sunday, November 27

## Two Long-Time Academy Scientists Remembered

John Thomas Howell has been synonymous with botany in California for the more than half a century in which he has been with the botany department at the Academy. He devoted his life to studying, exploring and communicating about the plants of California. He had been with the Academy for 65 years and was Curator Emeritus of Botany since 1969. Howell died in May at the age of 90.

Dr. Robert T. Orr, a world-renowned zoologist and author, was an expert in an array of fields ranging from mycology to ornithology. He primarily studied western American birds and mammals from Alaska to the Galápagos Islands. He was active in the development of the Academy travel program and the training course for docents. He had been with the Academy for 59 years and was the Curator Emeritus and Senior Scientist for the ornithology and mammalogy department. Orr passed away in June at the age of 86.

## MORRISON PLANETARIUM

### Is Anybody Out There?

**Lecture Series:** Since the development of radio technology, humankind has been broadcasting its presence in the galaxy. Could there be other life forms doing likewise? Might we be able to detect their signals? Dr. Frank Drake has been on a lifelong quest to answer these questions.

Starting as one of the first pioneers of the search for extraterrestrial intelligence with Project Ozma in the '60s, Drake is now president of the SETI Institute. He will discuss the reasons for the search, the criteria for selecting target stars, and the results of the first year of observing.

(The fall series of the Benjamin Dean Lectures will continue with NASA-Ames scientists: Dr. David Morrison, Nov. 15 and Dr. Carol Stoker, Dec. 6.)

Tuesday, October 18— 7:30 p.m.

Tickets \$2 each.

For advance tickets, use the order form. Tickets are available at the door on standby basis. Call 750-7141, for more information.

### The Academy's Indoor Universe

**Current Sky Shows:** See sky shows in the Academy's indoor universe where visitors can experience realistic simulations of the night sky as well as celestial events. Tickets can be purchased 1/2 hour before the show at the planetarium's box office once inside the Academy. Members can redeem their planetarium passes at the box office for regular tickets (passes are for free admittance only and do not guarantee preferential seating).

Sky Show	wkday	wkend
<i>Description</i>		
<b>Extremes</b>		
<i>cosmic record holders</i>	2 p.m.	2 & 4 p.m.
<b>Impact!</b>		
<i>celestial collisions</i>	—	1 & 3 p.m.
<b>Startalk</b>		
<i>tour of the night sky</i>	—	12 p.m.
<b>Touch the Stars</b>		
<i>a family show</i>	—	11 a.m.

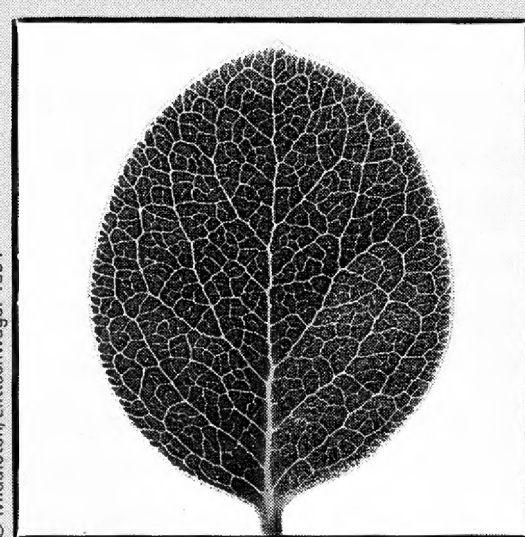
For more information, call 750-7141.



A Major  
Photographic  
Exhibit

Since the Endangered Species Act was passed in 1973 more than 300 of the species in the United States under consideration for listing are known to have gone extinct. These shocking statistics prompted Academy photographers Susan Middleton and David Liittschwager to undertake an ambitious effort in 1989 to document 100 threatened and endangered species of North America in compelling images for this major photographic exhibition accompanied by a beautiful large-format book.

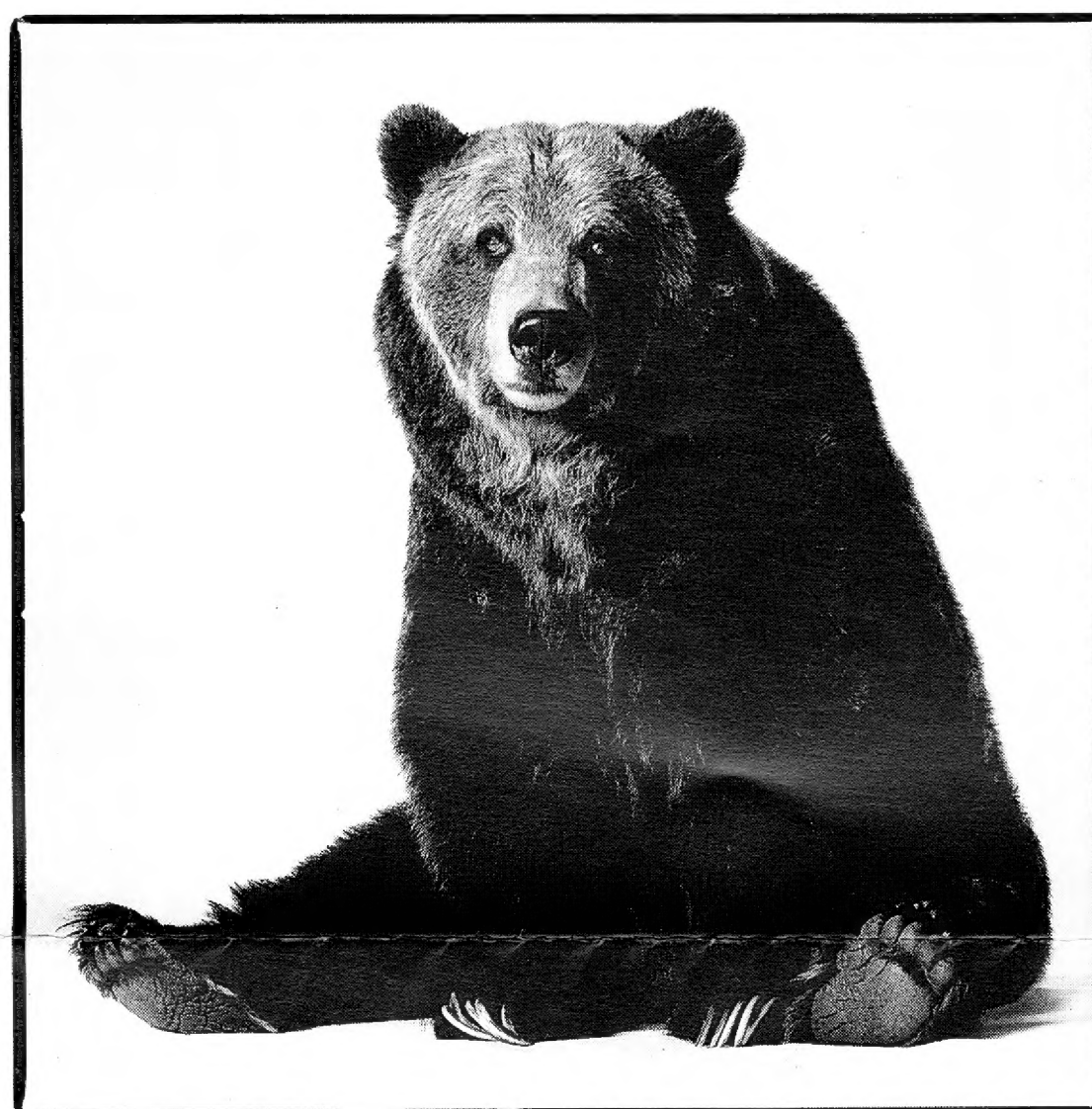
This premiere exhibit links art, science and education through a display of 50 color dye-transfer prints and more than 100 black and white photographs of North American plants and animals. The photos are complemented by insightful text about each species and a video that takes visitors on-location for a shoot with the photographers.



**Presidio Manzanita**  
Population: one  
Status: endangered

The black and white photographs in Witness are presented in sizes up to four-foot square and are close up individual portraits rendering an exceptionally detailed and intimate view of each subject. All wildlife groups are represented, as well as major geographical areas and habitat. Each subject is photographed against a plain white or black background that accentu-

# WITNESS: ENDANGERED SPECIES OF NORTH AMERICA



**Grizzly Bear** • Population: fewer than 1,000 in U.S. • Status: threatened

federally listed endangered species, biodiversity and habitat preservation.

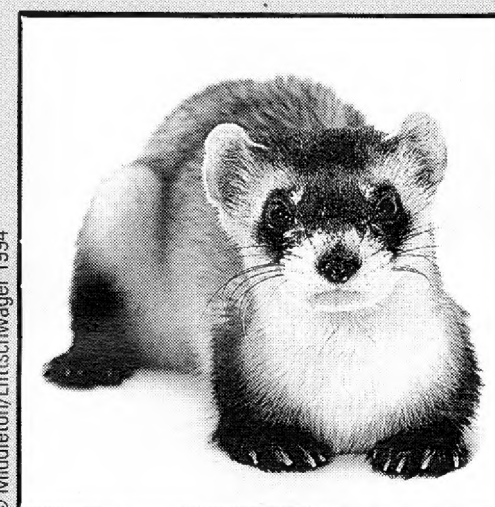
The Academy would like to recognize the following generous sponsors: The Walter & Elise Haas Fund, BankAmerica Foundation, The Chronicle Publishing Company, Chronicle Books, San Francisco Chronicle, National Fish & Wildlife Foundation, American Airlines, Dean Witter Foundation and Victor Hasselblad, Inc.

October 29  
through  
April 23

ates its complexity and beauty and creates a personalized encounter that evokes wonder and contemplation.

The striking absence of environment is purposeful: viewed with no distractions, the subject's unique character emerges, isolated and vulnerable; absent from each image is exactly what the subject needs to survive — habitat. The exhibit as a whole provides a foundation of knowledge for encouraging personal responsibility and delivers a powerful message of hope about

**Black-Footed Ferret**  
Population: 435  
Status: endangered, on the verge of extinction



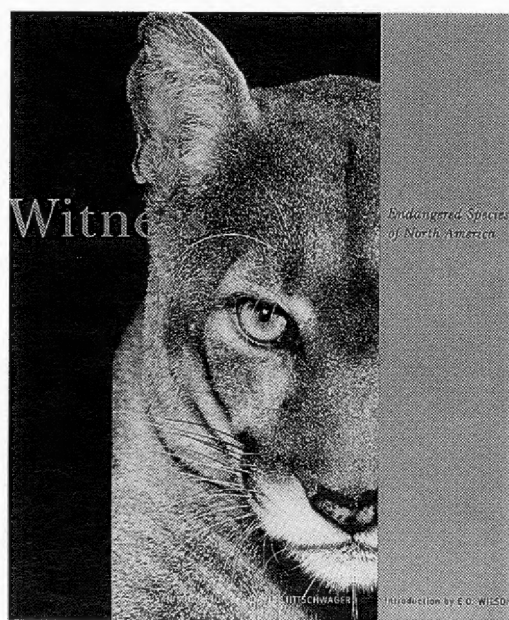
**Santa Cruz Long-Toed Salamander**  
Population: nine known populations  
Status: endangered

The United States Congress passed the Endangered Species Act of 1973 with the intention of protecting any plant or animal that, on the basis of scientific evidence, is found to be threatened with extinction. Currently the federal list of endangered and threatened species contains over a 1,000 plants and animals worldwide, over 600 of which are found in North America.



# ENDANGERED SPECIES AWARENESS DAY

Bay Area Book Festival, Safe Halloween Fun & "Witness" Grand Opening



The Bay Area Book Festival kicks off a full week of events with a day of activities at the Academy to raise awareness about endangered species. Celebrate the grand opening of the new exhibit "Witness: Endangered Species of North America" and the publication of the book while enjoying safe, educational activities for Halloween.

Kids age 12 and under are invited to come dressed as their favorite endangered animal or plant and march in the costume parade. (Nonmembers will receive free entrance for a costumed child with a paid adult.) Prizes awarded for best costume in age and theme categories.

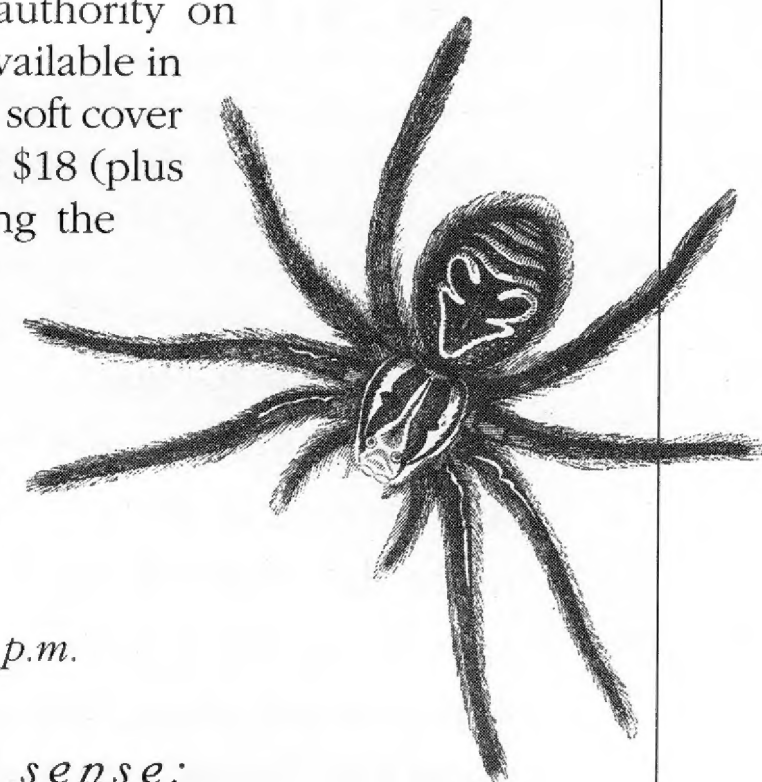
Hands-on activities such as animal mask making and face painting, will take place continuously in Cowell Hall from 11 a.m. to 3 p.m. Come face-to-face with live "creepy-crawlies," including snakes, frogs, spiders and scorpions. Design your own Halloween pumpkin as an endangered animal. Other fun

events include "Spells of Nature" puppet show at 12:30 and 3 p.m. and storytelling by Suzanna Marshak, author of *The Wizard's Promise*, in African Hall at 1 p.m.

Go on location with a slide presentation by Academy photographers David Liittschwager and Susan Middleton and hear about their experiences documenting North American wildlife at 2:30 p.m. in the auditorium, followed by a book-signing. The handsome 256-page book published by Chronicle Books, with an introduction by noted authority on biodiversity E.O. Wilson, will be available in the Academy Store; hard cover \$50, soft cover \$29.95, and an endangered T-shirt \$18 (plus members discount). By purchasing the Witness book at the Academy Store, additional proceeds benefit the Academy.

A special Monster Meal Deal (hot dog, french fries, soda and surprise gift, \$3.95) will be offered all day in the Jungle Cafe.

Saturday, October 29 — 11 a.m. to 3 p.m.



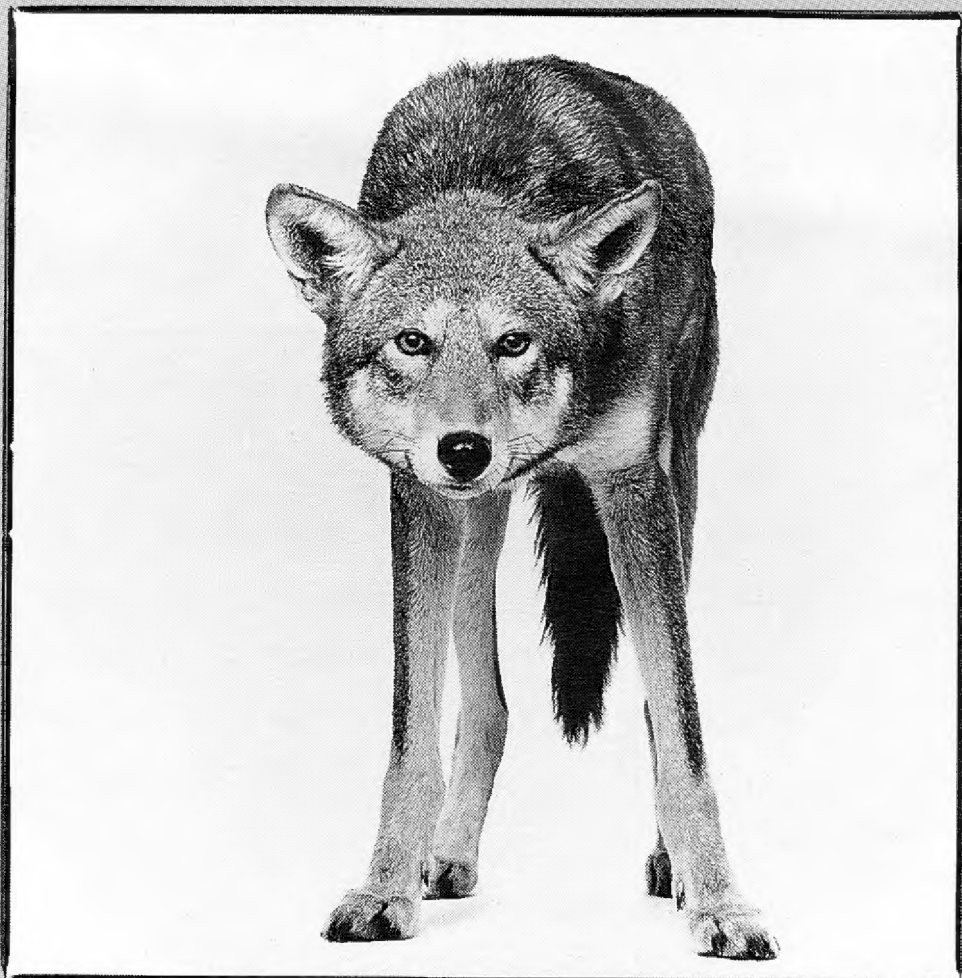
*"Each species is a masterpiece. It deserves that rank in the fullest sense: a creation assembled with extreme care and genius." E.O. Wilson*

## ACTIVITIES ABOUND WITH "WITNESS"

In conjunction with the "Witness: Endangered Species of North America" exhibit there will be numerous informative presentations and activities devoted to fulfilling the Academy's educational mission.

After experiencing the exhibit, visitors are encouraged to learn more about species and habitat conservation at the Academy's Biodiversity Resource Center. Academy interns will present "In Celebration of Biodiversity" play on weekends at 12:30 and 3 p.m. in Cowell Hall. There will be Adult and Family Education and Junior Academy programs that explore the use of photography and other forms of media for interpreting nature. Docents will be available in the afternoons to lead tours of the Witness exhibit. A special teacher resource packet developed by the Academy's education office contains images, lesson plans, and an interpretive guide to lead younger children through the exhibit.

For more information about educational programs, call 750-7100, or for information about docent-led tours, call 750-7155. To learn more about the Biodiversity Resource Center, open from 10 a.m. until 4 p.m., call 750-7361.



Red Wolf • Population: indeterminate • Status: endangered

## A Gift to the Academy

Many people take time at the end of the year to review their overall financial plans. You might wish to consider including a gift for the Academy.

There are several ways Academy members can arrange meaningful gifts as part of their financial and estate plans. For example, many members have decided to include the Academy in their wills or living trusts. Other plans, known as Academy life income gifts, have helped people supplement their retirement income and achieve other financial goals. All gifts provide important support for the future of Academy programs.

A reminder: December 31 marks the end of the tax year, and all actions that affect your taxes due in April 1995 must be taken before the end of the year. If you would like information about the benefits of planning gifts by will, or about life income gifts, please fill in and mail the response form on the back page, or call the development office at 750-7216.

## Academy Conversations at the Herbst



Mark your calendars for the 1995 series! Now preparing for its fifth year,

the annual California Academy of Sciences Conversations & Readings at the Herbst Theatre series offers a rich and remarkable gathering of the very best scientific, environmentalist, and nature writers in conversations about their work.

A preview of author's to come include Maxine Hong Kingston (*Woman Warrior, Tripmaster Monkey*), Feb. 9; Dr. George Schaller (*Serengeti Lion, The Lost Panda*), March 8; Brian Fagan (*God, Graves, & Scholars*), March 21; Mary Catherine Bateson, April or May; and John Gribbin (*In Search of Schrödinger's Cat*), May.

For more information, please call City Arts & Lectures at 563-2463. This series is made possible, in part, by a grant from The Columbia Foundation.

## Academy Elects New Fellows

On Oct. 4, the Academy will welcome nine new members as Fellows of the Academy and three Honorary Fellows. By charter the number of Fellows is limited to 300 individuals who are elected for life and serve as the governing body of the Academy. These individuals are distinguished in their field and were chosen for their contributions to science and active participation in advancing research and educational goals.



## SMITHSONIAN LECTURES AT THE ACADEMY

The Academy is co-sponsoring two Smithsonian Institution lectures by James Zimbelman of the National Air and Space Museum: "A Spacecraft Tour of the Solar System" at 3 p.m., Oct. 8; and "A Close-up Look at Mars" at 7:30 p.m., Oct. 9. The lectures will be held in the Academy's auditorium. Cost is \$5 for Academy/Smithsonian members and \$6 for nonmembers. Tickets can be purchased a half hour before the lecture. For more information, call (202) 287-3210.

### ADULT AND FAMILY EDUCATION

#### Lessons From a Decade of Unrest

In the past decade, several large earthquakes have struck California in what possibly may be several decades of increased seismic activity. Eventually, these active stages in the "seismic cycles" will culminate in major earthquakes along the San Andreas Fault.

Significant advancements have increased our understanding of earthquakes, their sources, rupture processes and effects. Ivan Wong will discuss several significant earthquakes of the past ten years and how they have aided in preparing and mitigating for future but impending destructive events.

October 11 and 18 (2 Tuesdays), 7-9 p.m.  
Cost: \$25 members/\$35 nonmembers

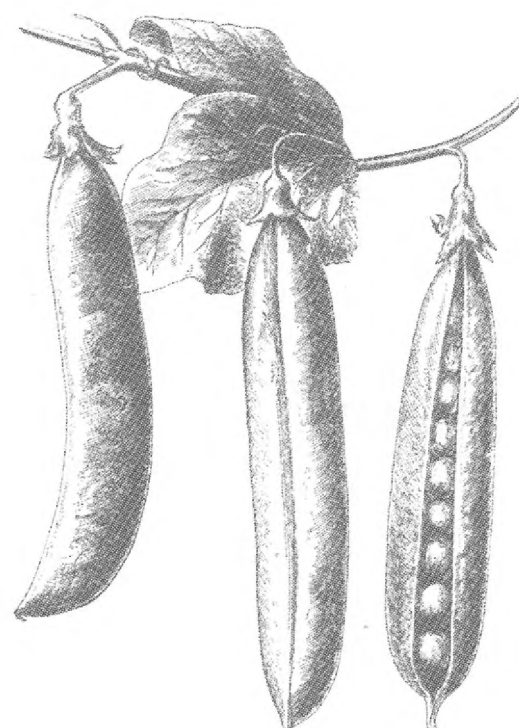
#### Fruits and Vegetables: Structure, Form and Design

The vegetable food we prepare and consume holds (besides invisible vitamins) nutrition for our mind and aesthetic sense. We'll see that an artichoke is a natural expression of mathematical and artistic profundity, and that chard reveals a basic principle of fluid dynamics.

Learn from Chuck Stasek why an eggplant is a berry but a strawberry is not, and that what we eat and throw away in a peach is reversed in an almond. We'll dissect what you bring, paying attention to form and function, and you'll take home a meal for body, mind and spirit.

October 16, 10 a.m.-1 p.m.  
Cost: \$20 members/\$25 nonmembers

For more information on these and other courses offered through the adult and family education program, call our office at 750-7100.



## SPECIAL LECTURES

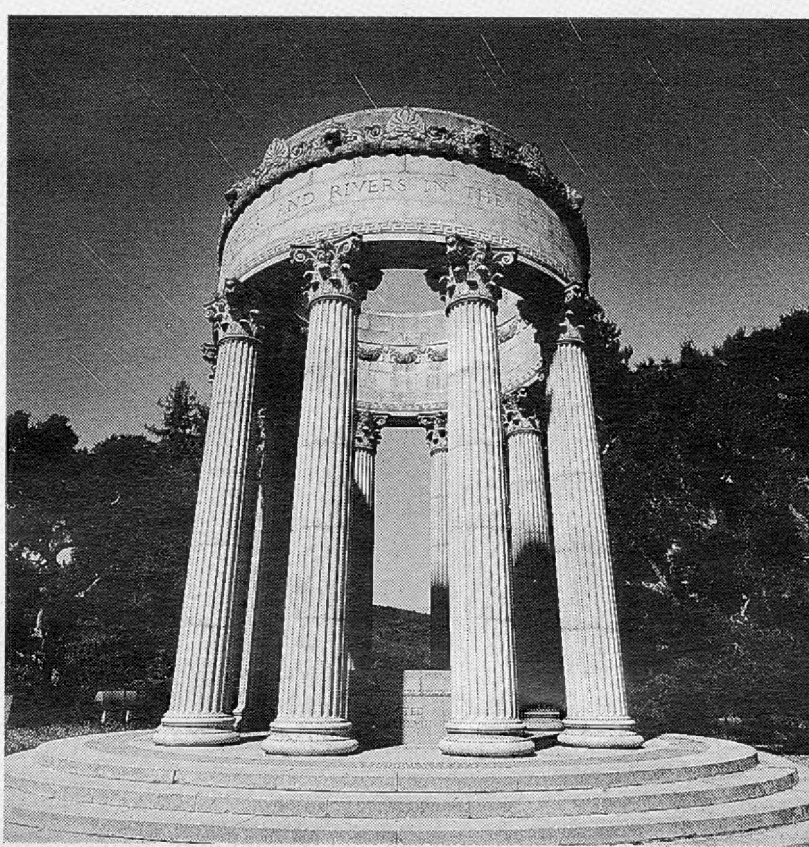
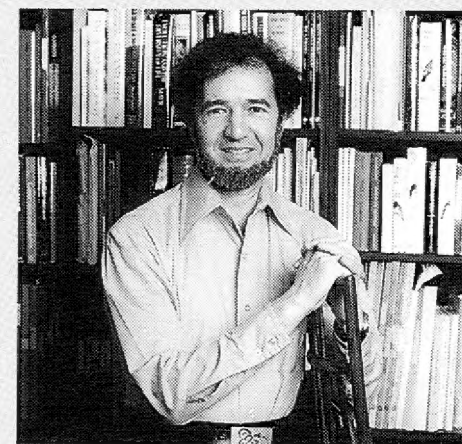
### Sexual Selection and Human Evolution

*Presented by the Academy and the L.S.B. Leakey Foundation*

How we select our own mates and sex partners may bear a direct link to how we have evolved. Humans world-wide differ visibly in characteristics such as skin color, eye color, hair color and form, and genital anatomy. It is often assumed that these differences evolved through natural selection. However, Darwin argued instead that our visible differences arise through sexual selection, the process by which we select our mates and sex partners.

Dr. Jared Diamond, evolutionary biologist and physiologist at the University of California, Los Angeles, has explored a variety of evolutionary topics in journals and his prize-winning book, *The Third Chimpanzee*. He'll discuss the role of sexual selection in human evolution.

Thursday, November 10 — 7:30 p.m.  
\$6 members/\$8 nonmembers



Robert L. Buelteman, Jr.

### The Unseen Peninsula

*Co-sponsored by the Golden Gate National Park Association*

Have you ever driven down Interstate 280 on The Peninsula and wondered what was behind those fences surrounding the San Francisco Watershed? Experience the beauty, drama and history of this 23,000 acre nature refuge through the work of photographic artist Robert Buelteman who grew up adjacent to the watershed.

His recently released book, *The Unseen Peninsula*, forms the basis for this slide presentation and lecture. The lecture will be followed by a book-signing.

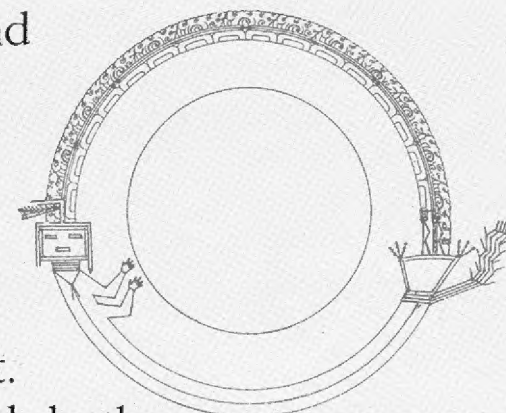
Tuesday, November 15 — 7:30 p.m.  
\$6 members/\$8 nonmembers

### Navajo and Tibetan Sacred Wisdom — The Circle of the Spirit

Since the dawn of humanity, we have been in touch with fundamental processes of establishing and maintaining a state of holiness, wellness and social harmony. Navajo Indians and Tibetans (among other ancient cultures) have preserved four universal principles for achieving these ends; through their psychospiritual knowledge, visionary arts and profound rituals. Wherever it has been practiced, it has been symbolized simply and elegantly by an encircled cross, the Circle of the Spirit.

Anthropologist Peter Gold has lived continually with both cultures since 1979 and has recently authored an extensive book on the subject of this sound-augmented slide presentation. A book-signing will follow the lecture.

Thursday, November 17 — 7:30 p.m.  
\$6 members/\$8 nonmembers



### Lectures This October: "Gorilla Tactics" & "Science-in-Fiction"

Previously announced in the September newsletter are two distinguished lectures occurring in October: Gorilla Tactics: Conservation Approaches Across the African Forest, with Dr. Amy Vedder of the Wildlife Conservation Society discussing adaptive strategies for survival of the gorilla — Oct. 18; and Science-In-Fiction and the Real Folks Behind Jurassic Park, with professor Carl Djerassi lecturing on the tribal culture of scientists — Oct. 19.

The Vedder lecture is at 7:30 p.m. (\$6 members/\$8 nonmembers) with a reception at 6 p.m. (\$30 members/\$35 nonmembers). The Djerassi lecture also is at 7:30 p.m. (\$6 members/\$8 nonmembers).

Special lectures are presented in the auditorium by experts in various aspects of natural history. Please use order form for tickets. For more information, call 750-7128.



THE  
ACADEMY  
STORE



Author's Day — North American Storyteller

Hear how storyteller Joseph Bruchac weaves mystical spells with original native North American stories and earth activities for children. Bruchac is co-author of *Keepers of Life: Discovering Plants Through Native American Stories and Earth Activities for Children*.

October 23, 2-3 p.m., Cowell Hall

OCTOBER

SUNDAY

2

9 A Close-up Look at Mars, 7:30 p.m. (Smithsonian Lecture)

16 **MEMBERS**  
Please bring your membership card when you visit the Academy

23 Joseph Bruchac, *Keepers of Life*, 2 p.m. (Author's Day)

30

MONDAY

SPECIAL EXHIBITS

Wildlife Photographer of the Year, through Oct. 10  
Birds of a Feather, through June 1995  
Hands on Science, through December 1995  
Witness: Endangered Species of North America, opens Oct. 29

3

SPECIALTY TOURS

Free one-hour tour at 1:30 p.m. on Tuesdays in Aquarium; Wednesdays in Life Through Time; Thursdays in Wild California. Highlight tours are offered daily.

10 "Wildlife Photographer of the Year" exhibit closes

17 **DOLPHIN FEEDINGS**  
are at 10:30 a.m., and 12:30, 2:30 and 4:30 p.m. every day

24

31

TUESDAY

11 

18 Is Anybody Out There?, 7:30 p.m. (Planetarium)  
  
Gorilla Tactics, 6 p.m. reception/ 7:30 p.m. lecture (Special Lectures)

25

PERMANENT EXHIBITS

Life Through Time: A 3.5 billion year journey through life on Earth with life-size dinosaurs.

WEDNESDAY

FISH  
ROUNDAABOUT

closed for repairs until early 1995

5 **Free Day**  
First Wednesday of each month

12 Members Open House, 6-9 p.m. (Membership)

19 Science-in-Fiction and the Real Folks Behind Jurassic Park, 7:30 p.m. (Special Lectures)

26

THURSDAY

6

SCIENCE IN  
ACTION

General programs Sun.-Fri. at 11 a.m. Children's programs Sat. at 12:30 & 3 p.m.; this month's topic is the *Ancient Montane Forests*.

13

20

LASERIUM  
SHOWS

Thursday-Sunday, evenings, call 750-7138

27

FRIDAY

7

PLANETARIUM  
SKY SHOWS

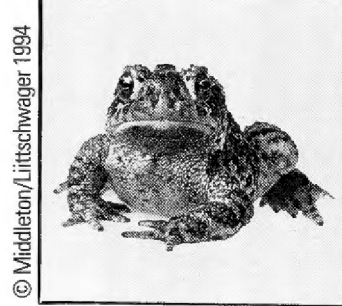
on weekends at 11 a.m., and at 12, 1, 2, 3 and 4 p.m.

PLANETARIUM  
SKY SHOWS

on weekdays at 2 p.m.

21

*Wyoming Toad*  
Population: 50  
Status: endangered



SATURDAY

1 Appalachian Clogging, 1 p.m. (Traditional Arts)

"Kids From C.A.O.S." airs, 11 a.m. KRON-Ch 4 (Academy TV Show)

8 A Spacecraft Tour of the Solar System, 3 p.m. (Smithsonian Lecture)

15 **PENGUIN FEEDINGS**  
are at 11:30 a.m. and 4 p.m. every day

22 "Kids From C.A.O.S." airs, 11 a.m. KRON-Ch 4 (Academy TV Show)

Maritime Songs, 1 p.m. (Traditional Arts)

29 Chinese Music, 1 p.m. (Traditional Arts)

"Witness: Endangered Species of North America" exhibit opens

Endangered Species Awareness Day, 11 a.m. to 3 p.m.

NOVEMBER DATES TO REMEMBER

Nov. 10 - Sexual Selection & Human Evolution (Special Lectures)  
Nov. 15 - The Unseen Peninsula (Special Lectures)  
Nov. 17 - Navajo and Tibetan Sacred Wisdom - The Circle of the Spirit (Special Lectures)  
Nov. 27 - Run to the Far Side X

UPCOMING MEMBERS MEETINGS

Nov. 16 - Spiders, with Dr. Charles Griswold (3rd Wed. instead of 2nd)  
Dec. 14 - Witness: Endangered Species of North America, with David Liittschwager and Susan Middleton

California Academy of Sciences  
Golden Gate Park  
San Francisco, CA 94118

ORDER FORM

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San Francisco

Address Correction Requested

SPECIAL LECTURES

Gorilla Tactics / Oct. 18  
Lecture Reception Only  
Science-in-Fiction / Oct. 19  
Sexual Selection & Human Evolution / Nov. 10  
The Unseen Peninsula / Nov. 15  
Navajo and Tibetan Sacred Wisdom / Nov. 17

Qty/Mem.	Qty/Nonmem.	Total
x \$6	x \$8	=
x \$30	x \$35	=
x \$6	x \$8	=
x \$6	x \$8	=
x \$6	x \$8	=
x \$6	x \$8	=
x \$6	x \$8	=
TOTAL \$		

PLANETARIUM'S B. DEAN LECTURE SERIES

Is Anybody Out There? / Oct. 18  
Impacts of Comets with Jupiter and Earth; David Morrison / Nov. 15  
Telepresence and Virtual Reality; Carol Stoker / Dec. 6

Quantity	Total
x \$2	=
x \$2	=
x \$2	=
TOTAL \$	

GIFT MEMBERSHIP

I wish to give a gift membership to:

Address \_\_\_\_\_ City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

☐ \$50 Family/Grandparent ☐ \$40 Individual ☐ \$35 Dual Senior ☐ \$30 Senior/Student  
Gift giver's name/phone: \_\_\_\_\_

PLANNED GIVING

☐ Yes I am interested in learning about planned giving. Please send me more information.

TOTAL PAYMENT ENCLOSED \$ \_\_\_\_\_

PAYMENT METHOD

(Check one) ☐ Check ☐ VISA ☐ MasterCard ☐ American Express

Credit card charges gladly accepted over \$10.

Card# \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

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